

## Surveillance of Pandemic H1N1 Influenza in Pregnancy within British Columbia

# H1N1 and Seasonal Flu Vaccination and Occurrence in Pregnancy

This report contains information from forms submitted between November 15, 2009 and July 15, 2010<sup>1</sup>

	Health Authority/Region						BC Total
	FHA	IHA	NHA	PHSA	VCHA	VIHA	
Total number of records submitted to PSBC	6778	2488	1435	2379	1609	2610	17299
<b>Percent of expected forms submitted<sup>2</sup></b>	<b>77.0</b>	<b>57.4</b>	<b>58.9</b>	<b>50.0</b>	<b>43.3</b>	<b>62.5</b>	<b>61.3</b>
<b>Percent of returned forms that are completed<sup>3</sup></b>	<b>94.3</b>	<b>97.8</b>	<b>91.4</b>	<b>29.1</b>	<b>96.9</b>	<b>94.3</b>	<b>85.8</b>
<b>Has this patient received vaccination for prevention of influenza at any time during the pregnancy?</b>							
Total number of forms with the above question complete	6286	2422	1302	1093	1544	2449	15096
H1N1 and seasonal flu vaccination in pregnancy <sup>4</sup>	685	438	253	195	244	563	2378
<b>H1N1 and seasonal flu vaccination in pregnancy rate</b>	<b>10.9</b>	<b>18.1</b>	<b>19.4</b>	<b>17.8</b>	<b>15.8</b>	<b>23.0</b>	<b>15.8</b>
H1N1 vaccination in pregnancy (with or without seasonal flu vaccine) <sup>4</sup>	3523	1296	595	688	796	1276	8174
<b>H1N1 vaccination in pregnancy rate</b>	<b>56.0</b>	<b>53.5</b>	<b>45.7</b>	<b>62.9</b>	<b>51.6</b>	<b>52.1</b>	<b>54.1</b>
H1N1 only vaccination in pregnancy (no seasonal flu vaccine) <sup>4</sup>	2827	854	338	493	550	712	5774
<b>H1N1 only vaccination in pregnancy rate</b>	<b>45.0</b>	<b>35.3</b>	<b>26.0</b>	<b>45.1</b>	<b>35.6</b>	<b>29.1</b>	<b>38.2</b>
Seasonal flu only vaccination in pregnancy (no H1N1 vaccine) <sup>4</sup>	31	14	10	9	10	11	85
<b>Seasonal flu only vaccination in pregnancy rate</b>	<b>0.5</b>	<b>0.6</b>	<b>0.8</b>	<b>0.8</b>	<b>0.6</b>	<b>0.4</b>	<b>0.6</b>
<b>Total Influenza (ILI, H1N1, seasonal flu) cases</b>	<b>876</b>	<b>419</b>	<b>260</b>	<b>122</b>	<b>186</b>	<b>307</b>	<b>2170</b>
<b>Total number of complete records submitted to PSBC</b>	<b>6391</b>	<b>2433</b>	<b>1312</b>	<b>693</b>	<b>1559</b>	<b>2462</b>	<b>14850</b>
<b>Influenza in pregnancy rate</b>	<b>13.7</b>	<b>17.2</b>	<b>19.8</b>	<b>17.6</b>	<b>11.9</b>	<b>12.5</b>	<b>14.6</b>

<sup>1</sup>Submission period does not necessarily correspond to admission/delivery date and/or date of vaccination and/or confirmed flu

<sup>2</sup>This percent is based on the number of forms submitted taken as a proportion of the number of forms expected, based on delivery counts from the previous year.

<sup>3</sup>This percent identifies the number of submitted forms that have complete information

<sup>4</sup>Vaccination can occur at anytime in pregnancy and does not necessarily correspond to submission period

Rates are calculated using ONLY the submitted forms that are complete

Births occurring at home have been excluded from the current report